



# Department of Defense DIRECTIVE

NUMBER 4715.1

February 24, 1996

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USD(A&T)

SUBJECT: Environmental Security

- References:
- (a) DoD Directive 5100.50, "Protection and Enhancement of Environmental Quality," May 24, 1973 (hereby canceled)
  - (b) Section 125 of title 10, United States Code
  - (c) [DoD Directive 5134.1](#), "Under Secretary of Defense for Acquisition and Technology (USD(A&T))," June 8, 1994
  - (d) Executive Order 12196, "Occupational Safety and Health Programs for Federal Employees," February 26, 1980
  - (e) through (nn), see enclosure 1

## 1. PURPOSE

This Directive:

1.1. Replaces reference (a) and establishes policy for environmental security within the Department of Defense.

1.2. Establishes the following:

1.2.1. The Defense Environmental Security Council (DESC); the Environment, Safety, and Occupational Health Policy Board (ESOHBPB); and the DESC Committee structure.

1.2.2. The Armed Forces Pest Management Board (AFPMB), consisting of the AFPMB Council and Committee structure, the Directorate, and the Defense Pest Management Information Analysis Center (DPMIAC).

## 2. APPLICABILITY AND SCOPE

This Directive applies to:

2.1. The Office of the Secretary of Defense (OSD), the Military Departments (including the Coast Guard when it is operating as a Military Service in the Navy), the Chairman of the Joint Chiefs of Staffs, the Unified Combatant Commands, the Inspector General of the Department of Defense, the Defense Agencies, and the DoD Field Activities, including any other integral DoD organizational entity or instrumentality established to perform a governmental function (hereafter referred to collectively as "the DoD Components"). The term "Military Services," as used herein, refers to the Army, the Navy, the Air Force, and the Marine Corps.

2.2. DoD operations, activities, and installations worldwide, including Government-owned, contractor-operated facilities.

## 3. DEFINITIONS

Terms used in this Directive are defined in enclosure 2.

## 4. POLICY

It is DoD policy to display environmental security leadership within DoD activities worldwide and support the national defense mission by:

4.1. Ensuring that environmental factors are integrated into DoD decision-making processes that may have an impact on the environment and are given appropriate consideration along with other relevant factors.

4.2. Complying with applicable United States statutes, regulations, Executive orders, binding international agreements, other legal requirements, and United States environmental, safety, occupational health, explosives safety, fire and emergency services, and pest management policies.

4.3. Protecting, preserving, and, when required, restoring, and enhancing the quality of the environment.

4.4. Reducing risk to human health and the environment by identifying, evaluating, and where necessary, remediating contamination resulting from past DoD activities.

4.5. Preventing pollution and minimizing adverse environmental impacts.

4.6. Developing comprehensive safety, occupational health, explosives safety, fire and emergency services, and pest management programs that protect:

4.6.1. DoD personnel from accidental death, injury, or occupational illness by exposure to stressors beyond established limits.

4.6.2. DoD weapons systems, equipment, materials, and facilities from accidental destruction, damage, or loss.

4.6.3. The public from risk of death, injury, illness, or property damage as a result of DoD activities.

4.6.4. DoD personnel from disease vectors and DoD property from pest damage.

4.7. Conserving, and restoring where necessary, the natural and cultural heritage represented on DoD installations within the United States.

4.8. Cooperating with and involving appropriate United States Federal, State, inter-State, Indian Nation and local officials, and public stakeholders in the implementation of environmental security programs.

4.9. Promoting consolidated and cost-effective environmental security education, training, and career development for all DoD military members and civilian employees.

4.10. Developing, demonstrating, validating, transferring and, as necessary, obtaining regulator certification for new environmental security technologies.

4.11. Making productive use of the corporate information management process.

4.12. Integrating environment, safety, occupational health, explosives safety, fire and emergency services, and integrated pest management values into DoD acquisition, procurement, maintenance, and repair processes for systems, equipment, facilities, and land.

4.13. Supporting international activities, consistent with national security policy, related to environmental security programs, including:

4.13.1. Consistent with available funding, complying with Final Governing Standards (FGS) issued for the host nation or, where no such FGS have been issued, the criteria in the Overseas Environmental Baseline Guidance Document and other DoD policy guidance, as applicable.

4.13.2. Complying with applicable international agreements, Status of Forces Agreements, and DoD Directives, Instructions, and policies in determining and conducting appropriate actions for response to environmental contamination caused by DoD operations that occur within the territory of a nation other than the United States.

4.13.3. Complying with requirements for environmental analysis of actions outside the United States established by applicable United States statutes, international agreements binding on the United States, Executive orders, or DoD policies.

4.13.4. Cooperating with and involving appropriate host-nation officials in the implementation of environmental security programs outside the United States, consistent with United States defense and foreign policy interests.

4.14. Recognizing, through an annual awards program, outstanding achievements in support of DoD environmental security programs.

## 5. RESPONSIBILITIES

5.1. The Under Secretary of Defense for Acquisition and Technology shall:

5.1.1. Provide policy and guidance, oversight, advocacy, and representation for environmental security programs.

5.1.2. Establish and publish organization and management guidance for, and provide direction and supervision to, the:

5.1.2.1. DESC, the ESOHPB, and the DESC Committees.

5.1.2.2. AFPMB, consisting of the Council and Committees, the Directorate, and the DPMIAC, in accordance with 10 U.S.C. 125 (reference (b)).

5.1.3. Develop, in consonance with the DoD Components, and promulgate environmental security goals and objectives, and approve the means of measurement of attaining those goals and objectives.

5.1.4. Develop, in consonance with the DoD Components, environmental security program guidance, and establish environmental security requirements and priorities for use in DoD Component environmental security planning, programming, and budgeting, including the occupational health aspects of the Defense Health Program (DHP).

5.1.5. Resolve environmental security issues and disputes between the DoD Components and non-DoD organizations, or individuals, that cannot otherwise be resolved.

5.1.6. Designate a Military Department to serve as the Executive Agent for environmental coordination in each of the ten standard Environmental Protection Agency-designated Federal regions.

5.1.7. As needed, designate DoD Executive Agents for environmental activities, including those in foreign countries.

5.1.8. Designate the Deputy Under Secretary of Defense for Environmental Security (DUSD(ES)) to:

5.1.8.1. Act on behalf of the Under Secretary of Defense for Acquisition and Technology (USD(A&T)) on all or a portion of the environmental security-related authorities assigned in this Directive and DoD Directive 5134.1 (reference (c)).

5.1.8.2. Serve as the Principal Staff Assistant for Defense Environmental Security Corporate Information Management.

5.1.8.3. Serve as the DoD-Designated Agency Safety and Health Official in accordance with Executive Order 12196 (reference (d)).

5.1.8.4. Review and take appropriate actions, no later than 1 year from the date of this Directive, to:

5.1.8.4.1. Prepare new DoD Instructions that implement this Directive.

5.1.8.4.2. Update or cancel references (e) through (mm).

5.1.9. Designate the Director of Defense Research and Engineering to develop a science and technology program to address the environmental security technology requirements defined by the DUSD(ES).

5.2. The Assistant Secretary of Defense for Health Affairs, under the Under Secretary of Defense for Personnel and Readiness, shall:

5.2.1. Oversee the DoD Components' planning, programming and budgeting, and execution of the occupational health program within available fiscal guidance and overall DHP priorities.

5.2.2. Monitor occupational health resources to ensure that they are properly expended.

5.2.3. Inform the DUSD(ES) of any program execution discrepancies and include the DUSD(ES) in the quarterly DHP budget execution reviews.

5.3. The Heads of the DoD Components shall:

5.3.1. Implement the policies in this Directive in accordance with DoD implementing and supplementing Instructions.

5.3.2. Implement programs to achieve DoD environmental security goals and objectives, subject to the limits of their authority and responsibility, to include programs to perform compliance assessments on the elements of environmental security at military installations to evaluate the effectiveness of environmental management systems.

5.3.3. Reduce fatalities incurred in motor vehicle mishaps and other off-duty and recreational activities, with emphasis on the intoxicated individual, through a coordinated program of education, law enforcement, and treatment.

5.3.4. Plan, program, and budget for environmental security requirements, and execute environmental security programs within DoD guidance and fiscal policies.

5.3.5. Provide representatives to the:

5.3.5.1. DESC, the ESOHPB, and the DESC Committees.

5.3.5.2. AFPMB, consisting of the Council and Committees, the Directorate, and the DPMIAC.

5.3.6. Ensure, either through a host-tenant agreement or otherwise, that all DoD and non-DoD tenants are required to comply with applicable environmental security laws and regulations.

5.3.7. Negotiate, approve, and sign compliance and other types of regulatory agreements in the United States, keeping other affected DoD Components informed. Coordinate in advance precedent-setting agreements involving significant commitment of DoD funds. Resolve regulatory disputes within the United States in accordance with applicable procedures. Bring to the attention of the USD(A&T) any disputes that cannot be settled at the regional or State level.


5.3.8. Provide management support, resources, and a professionally qualified environmental security staff sufficient to ensure effective implementation of such programs at all organizational levels.

5.3.9. Delegate all or a portion of the environmental security-related authorities assigned to them in this Directive, as necessary.

5.4. The OSD Principal Staff Assistants shall ensure all environmental security-related matters that affect environmental security policies and programs are coordinated with the USD(A&T).

## 6. EFFECTIVE DATE

This Directive is effective immediately.



John P. White  
Deputy Secretary of Defense

Enclosures - 2

E1. References, continued

E2. Definitions

E1. ENCLOSURE 1

REFERENCES, continued

- (e) [DoD Directive 1000.3](#), "Safety and Occupational Health Policy for the Department of Defense," March 29, 1979
- (f) DoD Directive 1000.7, "Drunk and Drugged Driving by DoD Personnel," August 10, 1983
- (g) [DoD Directive 3100.5](#), "Department of Defense Offshore Military Activities Program," March 6, 1987
- (h) DoD Directive 4150.7, "DoD Pest Management Program," October 24, 1983
- (i) DoD Directive 4165.60, "Solid Waste Management - Collection, Disposal, Resource Recovery and Recycling Program," October 4, 1976
- (j) DoD Directive 4710.15, "Hazardous Material Pollution Prevention," July 27, 1989
- (k) [DoD Directive 4700.4](#), "Natural Resources Management Program," January 24, 1989
- (l) DoD Directive 4710.1, "Archaeological and Historic Resources Management," June 21, 1984
- (m) [DoD Directive 5030.41](#), "Oil and Hazardous Substances Pollution Prevention and Contingency Program," June 1, 1977
- (n) DoD Directive 6050.1, "Environmental Effects in the United States of DoD Actions," July 30, 1979
- (o) [DoD Directive 6050.4](#), "Marine Sanitation Devices for Vessels Owned or Operated by the Department of Defense," March 16, 1982
- (p) [DoD Directive 6050.7](#), "Environmental Effects Abroad of Major Department of Defense Actions," March 31, 1979
- (q) DoD Directive 6050.8, "Storage and Disposal of Non-DoD-Owned Hazardous or Toxic Materials on DoD Installations," February 27, 1986
- (r) DoD Directive 6050.9, "Chlorofluorocarbons (CFCs) and Halons," February 13, 1989
- (s) DoD Directive 6050.10, "Armed Forces Pest Management Board," March 15, 1985
- (t) [DoD Directive 6050.15](#), "Prevention of Oil Pollution From Ships Owned or Operated by the Department of Defense," June 14, 1985
- (u) [DoD Directive 6050.16](#), "DoD Policy for Establishing and Implementing Environmental Standards at Overseas Installations," September 20, 1991
- (v) DoD Directive 6055.13, "Transportation Accident Prevention and Emergency Response Involving Conventional DoD Munitions and Explosives," May 27, 1988
- (w) DoD Directive 6230.1, "Safe Drinking Water," April 24, 1978
- (x) [DoD Instruction 1010.15](#), "Smoke-Free Workplace," March 7, 1994
- (y) DoD Instruction 4120.13, "Safety Program for Chemical Agents and Weapon Systems," July 9, 1987



- (z) DoD Instruction 4120.14, "Environmental Pollution Prevention, Control and Abatement," August 30, 1977
- (aa) [DoD Instruction 4145.26](#), "DoD Contractors' Safety Requirements for Ammunition and Explosives," July 19, 1985
- (bb) [DoD Instruction 4165.57](#), "Air Installations Compatible Use Zones," November 8, 1977
- (cc) DoD Instruction 4165.59, "DoD Implementation of the Coastal Zone Management Act," December 29, 1975
- (dd) DoD Instruction 4700.2, "Secretary of Defense Awards for Natural Resources and Environmental Management," July 15, 1988
- (ee) [DoD Instruction 6050.5](#), "DoD Hazard Communication Program," October 29, 1990
- (ff) [DoD Instruction 6055.1](#), "DoD Occupational Safety and Health Program," October 26, 1984
- (gg) [DoD Instruction 6055.4](#), "DoD Traffic Safety Program," November 22, 1994
- (hh) [DoD Instruction 6055.5](#), "Industrial Hygiene and Occupational Health," January 10, 1989
- (ii) [DoD Instruction 6055.6](#), "DoD Fire and Emergency Services Program," December 15, 1994
- (jj) [DoD Instruction 6055.7](#), "Mishap Investigation, Reporting and Recordkeeping," April 10, 1989
- (kk) [DoD Instruction 6055.8](#), "Occupational Radiation Protection Program," March 31, 1989
- (ll) [DoD Instruction 6055.11](#), "Protection of DoD Personnel from Exposure to Radiofrequency Radiation and Military Exempt Lasers," February 21, 1995
- (mm) [DoD Instruction 6055.12](#), "DoD Hearing Conservation Program," March 26, 1991
- (nn) Sections 13101-13109 of title 42, United States Code

## E2. ENCLOSURE 2

### DEFINITIONS

E2.1.1. Environment. Air, water, land, man-made structures, all organisms living therein, the interrelationships that exist among them, and archeological and cultural resources.

E2.1.2. Environmental Security. The environmental security program enhances readiness by institutionalizing the Department of Defense's environmental, safety, and occupational health awareness, making it an integral part of the Department's daily activities. Environmental Security is comprised of restoration, compliance, conservation, pollution prevention, safety, occupational health, explosives safety, fire and emergency services, pest management, environmental security technology, and international activities, which are explained, as follows:

E2.1.2.1. Restoration is identification, evaluation, containment, treatment, and/or removal of contamination so that it no longer poses a threat to public health and the environment.

E2.1.2.2. Compliance is meeting applicable statutory, Executive order, and regulatory standards for all environmental security functions, including FGS or the Overseas Environmental Baseline Guidance Document, as appropriate.

E2.1.2.3. Conservation is planned management, use, and protection; continued benefit for present and future generations; and prevention of exploitation, destruction, and/or neglect of natural and cultural resources.

E2.1.2.4. Pollution prevention is source reduction as defined in 42 U.S.C.13101-13109 (reference (nn)), and other practices that reduce or eliminate the creation of pollutants through increased efficiency in the use of raw materials, energy, water, or other resources; or protection of natural resources by conservation.

E2.1.2.5. Safety is a multifaceted program designed to prevent accidental loss of human and material resources; and protects the environment from the potentially damaging effects of DoD mishaps.

E2.1.2.6. Occupational health protects personnel from health risks, and includes occupational medicine, illness and injury trend analysis, epidemiology, occupational health nursing, industrial hygiene, and radiological health.

E2.1.2.7. Fire and emergency services enhance combat capability by preserving life and DoD property through fire suppression, fire prevention, fire protection engineering, and emergency responses.

E2.1.2.8. Explosives safety protects personnel, property, and military equipment from unnecessary exposure to the hazards associated with DoD ammunition and explosives; and protects the environment from the potentially damaging effects of DoD ammunition and explosives.

E2.1.2.9. Pest management is the prevention and control of disease vectors and pests that may adversely affect the DoD mission or military operations; the health and well-being of people; or structures, material, or property.

E2.1.2.10. Environmental security technology consists of research, development, test and evaluation, and regulatory certification of innovative technologies responsive to user needs.

E2.1.2.11. International environmental activities include bilateral or multilateral agreements, information exchanges, cooperative agreements, and specific actions, consistent with the responsibilities identified in paragraph 5.3., above, to bring DoD resources to bear on international military-related environmental matters or as otherwise appropriate in support of national defense policy interests.

E2.1.3. Stakeholders. Communities; concerned organizations; local, State and Federal Government regulators; industries; and others with a stake in a healthy environment.

E2.1.4. United States. The States, territories, possessions, territorial seas, and any other area under the jurisdiction of the United States.